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September 16, 2002

U.S. Patent and Trademark Office
Box Sequence
P.O. Box 2327
Arlington, VA 22202

Re: U.S. Patent Application Serial No. 09/357,273
Title: *IRE1P, A NOVEL MAMMALIAN PROTEIN,
AND GENE ENCODING SAME*
Applicants: Randal J. Kaufman, et al.
Filed: July 20, 1999
Our Reference: UMV-1584

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Response to Communication From Examiner including Appendix A (6 pages);
2. Response to Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (2 pages);
3. Transmittal Letter for Diskette Containing Sequence-Listing (1 page);
4. Diskette Containing Computer Readable Form of Substitute Sequence-Listing;
5. Paper Copy of Substitute Sequence Listing (pages 1-15);
6. Copy of Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (1 page);
7. Figure 1C (1 page); and
8. Prepaid acknowledgment postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. *A duplicate of this sheet is enclosed.*

Certificate of First Class Mailing (37 C.F.R. §1.8(a))

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service as first class mail in an envelope addressed to: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202 on:

September 16, 2002

Date

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